

Title (en)

PRIMED SIPHONIC FLUSH TOILET

Title (de)

TOILETTE MIT GRUNDLEGENDER SIPHONSPÜLUNG

Title (fr)

TOILETTES À CHASSE D'EAU À ACTION SIPHONIQUE AMORCÉE

Publication

EP 2923001 A4 20170222 (EN)

Application

EP 13855884 A 20131113

Priority

- US 201261725832 P 20121113
- US 201361810664 P 20130410
- US 2013069961 W 20131113

Abstract (en)

[origin: WO2014078461A2] A siphonic flush toilet system and method of priming the same having a toilet bowl assembly comprising at least one jet flush valve assembly and at least one rim valve; and bowl having a rim and a jet defining at least one jet channel, the at least one jet channel having an inlet port and a jet outlet port configured for discharging fluid to a sump area, wherein the sump area is in fluid communication with a trapway. The bowl has a closed jet pathway including the jet channel and extending from the jet flush valve assembly outlet to the jet channel outlet port to maintain the jet channel in a primed state with fluid from the jet flush valve assembly so as to assist in preventing air from entering the closed jet pathway. Flush valves are also disclosed having back-flow preventer mechanisms and/or at least partly flexible valve covers for use with the toilet systems and methods herein.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] GB 1449062 A 19760908 - CLAUDE RAGOT ETS, et al
- [XI] US 1939118 A 19331212 - HINSDALE WINFIELD E
- See references of WO 2014078461A2

Designated contracting state (EPC)

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